

Goals -

1. Create a custom user model using django base user model.
2. Create api for user registration and login using django rest framework.
3. Write a **one line code** to print the reverse of words in an input string. For eg. if input is - "Me And You" then output will be "You And Me".
4. Write an optimize solution -

Given a list of unique numbers for eg. - mylist = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10].

Write a function to loop through the list and pick a random number in each iteration. No number should repeat i.e. in each iteration the random number should be unique and should not have been picked before. Once all the numbers are picked then you can end the loop.

Note - 1. You can not use another list, array, dictionary etc. You can only use the given list.

2. You can not remove any element from the given list (mylist).

3. This list can be of 100000 numbers or more than that so write an optimised solution for this.

Details -

User Model -

Fields - id (django default), password, first_name, last_name, last_login, is_admin, is_active, is_staff, is_superuser, mobileNo, address.

Note - Use django base user model for the custom user model.

Exception handling and validation should be done with proper use of serializers.

Send a readme file if required with the answers

If you get any doubt or questions, you can contact Gagandeep Singh at - gagan@livefurnish.com.